| Ref | Hits     | Search Query  | DBs                 | Default      | Plural | Time Stamp          |
|-----|----------|---|---------------------|--------------|--------|---------------------|
| #   |          |   |                     | Operat<br>or | S      |                     |
| S1  | 0        | @ad<="20021029" cross<br>near2 multiplexer\$2 port\$2   | US-PGPU<br>B; USPAT | AND          | OFF    | 2007/05/07<br>15:29 |
|     |          | delay near buffer<br>synchroniz\$4  | b, uspai            |              |        | 13.29               |
| S2  | 22       | @ad<="20021029" cross<br>near2 multiplexer\$2 port\$2<br>delay near5 buffer<br>synchroniz\$4        | US-PGPU<br>B; USPAT | AND          | OFF    | 2007/04/25<br>15:22 |
| S3  | 22       | @ad<="20021029" cross<br>near2 multiplexer\$2 port\$2   | US-PGPU<br>B; USPAT | AND          | OFF    | 2007/04/25<br>15:24 |
|     |          | delay near3 buffer<br>synchroniz\$4   |                     |              |        |                     |
| S4  | 22       | @ad<="20021029" cross   | US-PGPU             | AND          | OFF    | 2007/04/25          |
|     |          | near2 multiplexer\$2 delay near3 buffer synchroniz\$4   | B; USPAT            |              |        | 15:24               |
| S5  | 22       | @ad<="20021029" cross<br>near2 multiplexer\$2 delay   | US-PGPU<br>B; USPAT | AND          | OFF    | 2007/05/10<br>07:50 |
|     |          | near3 huffer synchroniz\$4<br>interconnect\$2   | b, USPAT            |              | ,      | 07.50               |
| S6  | 0        | @ad<="20021029" cross<br>near2 multiplexer\$2 delay<br>near buffer synchroniz\$4<br>interconnect\$2 | US-PGPU<br>B; USPAT | AND          | OFF    | 2007/04/25<br>15:26 |
| S7  | 16       | @ad<="20021029" cross   | US-PGPU             | AND          | OFF    | 2007/04/25          |
|     | \$ . · · | near2 multiplexer\$2 delay<br>near2 buffer synchroniz\$4<br>interconnect\$2                         | B; USPAT            | -            |        | 15:28               |
| S8  | 2        | @ad<="20021029" cross<br>near2 multiplexer\$2 delay<br>adj2 buffer synchroniz\$4<br>interconnect\$2 | US-PGPU<br>B; USPAT | AND          | OFF    | 2007/04/25<br>15:29 |
| S9  | 78       | @ad<="20021029" cross<br>near2 multiplexer\$2   | US-PGPU<br>B; USPAT | AND          | OFF    | 2007/04/25<br>15:29 |
| 8   | ÷ %      | synchroniz\$4<br>interconnect\$2  | U, OSFAT            |              | ÷      | 13.69               |

|     |     |   |                     | •   |     |                     |
|-----|-----|---|---------------------|-----|-----|---------------------|
| S10 | 57  | @ad<="20021029" cross<br>near2 multiplexer\$2<br>synchroniz\$4<br>interconnect\$2 length                    | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:31 |
| S11 | 0   | @ad<="20021029" cross<br>near5 multiplexer\$2 delay<br>adj4 buffersynchroniz\$4<br>interconnect\$2 length   | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:31 |
| S12 | 3   | @ad<="20021029" cross<br>near5 multiplexer\$2 delay<br>adj4 buffer synchroniz\$4<br>interconnect\$2 length  | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:32 |
| S13 | 34  | @ad<="20021029" cross<br>with multiplexer\$2 delay<br>adj4 buffer synchroniz\$4<br>interconnect\$2 length   | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:32 |
| S14 | 33  | @ad<="20021029" cross<br>with multiplexer\$2 delay<br>adj2 buffer synchroniz\$4<br>interconnect\$2 length   | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:32 |
| S15 | 2   | @ad<="20021029" cross<br>near2 multiplexer\$2 delay<br>adj2 buffer synchroniz\$4<br>interconnect\$2 length  | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:33 |
| S16 | 0   | @ad<="20021029" cross<br>near2 multiplexer\$2 near<br>bus synchroniz\$4<br>interconnect\$2 length           | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:33 |
| S17 | 57  | @ad<="20021029" cross<br>near2 multiplexer\$2<br>synchroniz\$4<br>interconnect\$2 length                    | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:39 |
| S18 | 110 | @ad<="20021029" link<br>near2 multiplexer\$2<br>synchroniz\$4<br>interconnect\$2 length                     | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:39 |
| S19 | 31  | @ad<="20021029" link<br>near2 multiplexer\$2<br>synchroniz\$4<br>interconnect\$2 length<br>delay adj buffer | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:40 |

| S20 | 31  | @ad<="20021029" link<br>near2 multiplexer\$2<br>synchroniz\$4<br>interconnect\$2 delay adj<br>buffer   | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:42 |
|-----|-----|--|---------------------|-----|-----|---------------------|
| S21 | 39  | @ad<="20021029" link<br>near2 multiplexer\$2<br>synchroniz\$4 delay adj<br>buffer                      | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:40 |
| S22 | 0   | @ad<="20021029" cross<br>near2 multiplexer\$2<br>synchroniz\$4 delay adj<br>buffer                     | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:41 |
| S23 | 39  | @ad<="20021029" link<br>near2 multiplexer\$2<br>synchroniz\$4 delay adj<br>buffer                      | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:41 |
| S24 | 40  | @ad<="20021029" link<br>near2 multiplexer\$2 delay<br>adj buffer                                       | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:41 |
| S25 | 0   | @ad<="20021029" cross<br>near2 multiplexer\$2 delay<br>adj buffer                                      | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:42 |
| S26 | 123 | @ad<="20021029" cross<br>near2 multiplexer\$2 buffer<br>delay  | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:42 |
| S27 | 32  | @ad<="20021029" cross<br>near2 multiplexer\$2<br>synchroniz\$4<br>interconnect\$2 delay with<br>buffer | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:42 |
| S28 | 32  | @ad<="20021029" cross<br>near2 multiplexer\$2<br>synchroniz\$4<br>interconnect\$2 delay same<br>buffer | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:43 |
| S29 | 57  | @ad<="20021029" cross<br>near2 multiplexer\$2<br>synchroniz\$4<br>interconnect\$2 delay<br>buffer      | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:44 |

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|-----|-----|---|---------------------|-----|-----|---------------------|
| S30 | 71  | @ad<="20021029" cross<br>near2 multiplexer\$2<br>synchroniz\$4 delay buffer | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:44 |
| S31 | 81  | @ad<="20021029" cross<br>near2 multiplexer\$2<br>synchroniz\$4 buffer       | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:45 |
| S32 | 0   | @ad<="20021029"<br>amirichimeh-abbas.in.                                    | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:47 |
| S33 | 0   | @ad<="20021029"<br>amirichimeh-a.in.  | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:45 |
| S34 | 0   | @ad<="20021029"<br>amirichimeh-a\$.in.                                      | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:45 |
| S35 | 0   | @ad<="20021029"<br>baumer-howard.in.  | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:46 |
| S36 | 16  | baumer-howard.in.   | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:46 |
| S37 | 0   | @ad<="20021029" (cross adj link) near multiplexer                           | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:48 |
| S38 | 0   | @ad<="20021029" (cross<br>near link) near multiplexer                       | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:48 |
| S39 | 289 | @ad<="20021029" cross<br>near2 multiplexer                                  | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:49 |
| S40 | 25  | @ad<="20021029" cross<br>near2 multiplexer length<br>with interconnect      | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:50 |
| S41 | 10  | @ad<="20021029" cross<br>near2 multiplexer length<br>near3 interconnect     | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:50 |
| S42 | 8   | @ad<="20021029" cross<br>near2 multiplexer length<br>near3 equal            | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:53 |
| S43 | 146 | @ad<="20021029" cross<br>near2 multiplexer<br>interconnect\$2               | US-PGPU<br>B; USPAT | AND | OFF | 2007/04/25<br>15:53 |
| S44 | 441 | @ad<="20021029" cross<br>near2 multiplexer\$2                               | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/07<br>15:30 |

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| S45 | 34  | @ad<="20021029" (cross<br>near link) with<br>multiplexer\$2         | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/07<br>15:33 |
| S46 | 16  | @ad<="20021029" (cross near link) with multiplexers                 | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/07<br>15:34 |
| S47 | 16  | @ad<="20021029" (cross adj link) with multiplexers                  | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/07<br>15:34 |
| S48 | 207 | @ad<="20021029" cross<br>near2 multiplexers                         | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/07<br>15:34 |
| S49 | 0   | @ad<="20021029" (cross<br>near2 multiplexers) same<br>circular      | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/07<br>15:34 |
| S50 | 0   | @ad<="20021029" (cross<br>near2 multiplexers) same<br>spherical     | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/07<br>15:35 |
| S51 | 26  | @ad<="20021029" (cross near2 multiplexers) same configuration       | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/07<br>15:35 |
| S52 | 27  | @ad<="20021029" cross<br>near2 multiplexer\$2 delay<br>near3 buffer | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:50 |
| S53 | 1   | @ad<="20021029" cross<br>near2 multiplexer\$2 delay<br>near buffer  | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:51 |
| S54 | 21  | @ad<="20021029" cross<br>near2 multiplexer\$2 delay<br>near2 buffer | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:51 |
| S55 | 16  | @ad<="20021029" cross<br>near2 multiplexers delay<br>near2 buffer   | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:51 |
| S56 | 16  | @ad<="20021029" cross<br>near multiplexers delay<br>near2 buffer    | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:52 |
| S57 | 630 | @ad<="20021029"<br>multiplexers delay near2<br>buffer               | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:52 |
| S58 | 240 | @ad<="20021029"<br>multiplexers delay adj<br>buffer                 | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:52 |

| S59 | 0  | @ad<="20021029" cross<br>same multiplexers delay<br>adj buffer   | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:52 |
|-----|----|--|---------------------|-----|-----|---------------------|
| S60 | 0  | @ad<="20021029" interconnects same multiplexers delay adj buffer | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:52 |
| S61 | 19 | @ad<="20021029" pair<br>same multiplexers delay<br>adj buffer    | US-PGPU<br>B; USPAT | AND | OFF | 2007/05/10<br>07:52 |